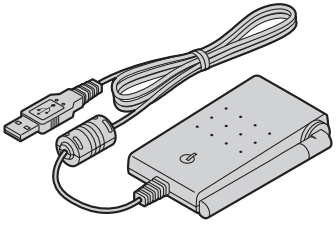
Panasonic



Operating Instructions

5.8 GHz USB Adaptor

Model No. **KX-TGA595AL**

This unit is an accessory unit for use with the Panasonic cordless telephone KX-TG5961AL/KX-TG5971AL/KX-TG5976AL. You must install the Skype software to your computer and register this unit with your base unit before Skype feature can be used on your handset.

What is Skype?

Skype is a programme for making free calls over the Internet to anyone else who also has Skype. It is free and easy to download and use, and works with most computers. You can get the Skype software and detailed information from the following website:
http://www.skype.com/

Important:

- To use Skype, the USB adaptor KX-TGA595AL must be connected to a computer which is active and connected to the Internet using broadband connection.
- Installation, configuration, and operation explanations for Skype software are not included in these operating instructions. For more information, refer to the online manual for Skype software.
- Skype is not a replacement for your ordinary telephone and cannot be used for emergency calling.
- For information about Skype, please visit the Skype homepage:
  http://www.skype.com/

Please read these Operating Instructions before using the unit and save for future reference.

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Thank you for purchasing the Panasonic 5.8 GHz USB Adaptor.

We recommend keeping a record of the following information for future reference.

Serial No. _____ Date of purchase _____

(found on the bottom of the unit)

Name and address of dealer _____

Attach your purchase receipt here.

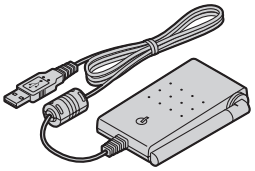
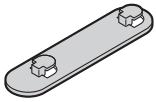
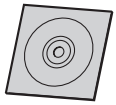
Feature highlights

Internet telephone

By connecting the USB adaptor to your computer installed with Skype software and USB Adaptor Utility, you can make and answer internet telephone calls using the cordless handset of your GIGARANGE® cordless telephone.
If you do not have the Skype software, download it from the Skype homepage:
http://www.skype.com/

Accessory information

Included parts

☐ USB adaptor 	☐ Wall mounting adaptor 	☐ CD-ROM 

For best performance

Location/avoiding noise

This unit communicates using radio waves.
For maximum distance and noise-free operation, we recommend the following:

- Placing the product away from electrical appliances.
- Raising the antenna vertically.

Environment

- Keep the product away from electrical noise generating devices, such as fluorescent lamps and motors.
- The product should be kept free from excessive smoke, dust, high temperature, and vibration.
- The product should not be exposed to direct sunlight.
- Do not place heavy objects on top of the product.
- When you leave the product unused for a long period of time, disconnect the product from the computer.
- The product should be kept away from heat sources such as heaters, kitchen stoves, etc. It should not be placed in rooms where the temperature is less than 5 °C or greater than 40 °C. Damp basements should also be avoided.
- The maximum data transferring distance may be shortened when the product is used in the following places: Near obstacles such as hills, tunnels, underground, near metal objects such as wire fences, etc.
- Operating near 5.8 GHz electrical appliances may cause interference. Move away from the electrical appliances.

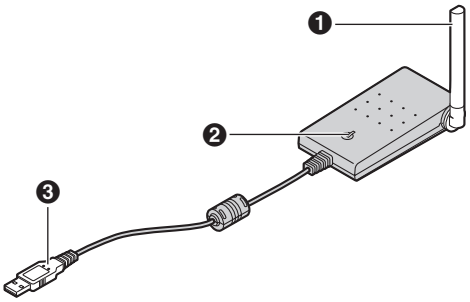
Connections

- Connect the USB adaptor to a USB port on your computer. For optimum performance, do not connect more than one USB adaptor to a single computer or the USB adaptor to your computer via a hub.
- The USB adaptor may not turn off and may consume electricity regardless of whether your computer is turned off or in sleep mode. By connecting/disconnecting the USB adaptor from an active computer, the USB adaptor will turn on/off. We recommend when you are not using the internet telephone, that you disconnect the USB adaptor from your computer.

Routine care

- Wipe the outer surface of the product with a soft moist cloth. Do not use benzine, thinner, or any abrasive powder.

Controls



❶ **Antenna**
❷ **Status indicator**
❸ **USB plug**

Status indicator

The status indicator indicates the USB adaptor status.

Indicator	Status
Flashing	USB adaptor is receiving power from the computer but link to the base unit, Skype software or USB Adaptor Utility has not been established.
Light on	USB adaptor is receiving power from the computer and has link with your base unit, ready to use.
Light off	USB adaptor is off (not receiving power from the computer).

Symbols and screen shots used in these operating instructions

Symbols used for operations

Symbol	Meaning
Example: “**Contacts**”	Press 【▲】 or 【▼】 to select the words in quotations shown on the display.
Example: **【MENU】**	The words in the brackets indicate button names including soft key names on your handset and base unit.
Example: **[OK]**	The words in the brackets indicate button names on your computer.
→	Proceed to the next operation.

Screen shots used for operations

- The screen shots in these instructions are for Microsoft® Windows® XP and are included for reference only.
- The screen shots in these instructions may differ slightly from the screen shown on your computer.

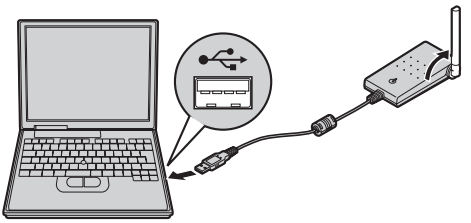
System requirements for your computer

The following system requirements must be met in order to use the USB Adaptor Utility.

Item	Description
Operating System	Microsoft Windows 2000 or Microsoft Windows XP
CPU	Intel® Pentium® 1 GHz or faster
RAM	256 MB
HDD	50 MB available disk space
Resolution	800 x 600 or higher resolution display
Others	USB interface (1.1) CD-ROM drive Video adaptor with High Colour (16 bit) or higher Panasonic cordless telephone KX-TG5961AL/KX-TG5971AL/KX-TG5976AL Skype software (Skype 2.0 or later) Internet connection: Broadband, e.g. DSL

Connecting to a computer

Connect the USB adaptor to the USB port of your computer.



Raise the antenna.

- The USB adaptor receives power from the USB port.

Wall mounting

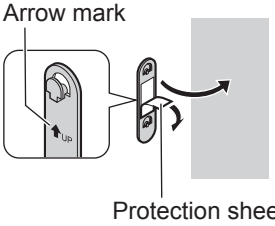
The USB adaptor can be mounted on the flat surface such as a wall by using the wall mounting adaptor.

Note:

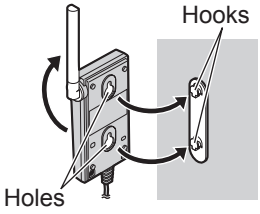
- For USB adaptor location information, see page 4.

1 Peel off the protection sheet and attach the wall mounting adaptor to the flat surface firmly.

- The arrow mark on the wall mounting adaptor should face upward.

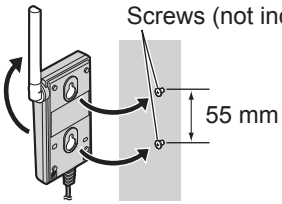


2 Insert the hooks on the wall mounting adaptor into the holes on the USB adaptor and slide the adaptor down until it is secure.



Mounting without the wall mounting adaptor

Drive the screws (not included) into the flat surface such as a wall using the wall mount template as a guide, then mount the USB adaptor securely on the screws.



Wall mount template

55 mm

Installing and setting up the USB Adaptor Utility

Before you use the USB adaptor, you must install the USB Adaptor Utility from the included CD-ROM to a computer installed with the Skype software, and register the USB adaptor to the base unit. The USB adaptor is registered as an extension device of the base unit. Only one USB adaptor can be registered to the base unit.

Before you start to install the USB Adaptor Utility, make sure that:

– Skype software has been already installed in your computer.
– Your computer is being connected to the Internet correctly and active Skype icon ( ) is displayed in the system tray (page 9).
– The base unit and handset are powered up nearby and are not being used.
– USB adaptor KX-TGA595AL is being connected to the USB port on your computer and the status indicator is flashing.

These preparation will make your installation simple and smooth. You should complete your installation in less than 2 minutes.

Important:

- If the Skype software is not installed to your computer, install the Skype software beforehand.
- Before installing the USB Adaptor Utility, please be sure to back up the system settings of your computer.
- At the end of installation, you may perform a Skype test call on your handset (page 9).

1 Start Windows and the Skype software, and exit all other applications.

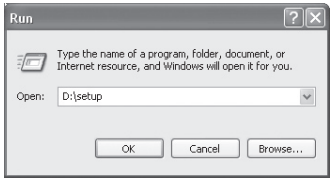
- You must be logged in as an administrator in order to install the USB Adaptor Utility.
- Confirm that the Skype status is online.

2 Connect the USB adaptor to your computer (page 6).

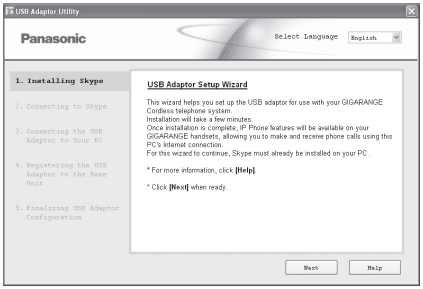
3 Insert the included CD-ROM into your CD-ROM drive.

4 After the installer has started, follow the on-screen instructions until all files have been installed.

- If the installer does not start automatically:
  Click **[Start]**, then choose **[Run...]**. Type “D:\setup” (where “D:” is the drive letter of your CD-ROM drive). Click **[OK]**. (If you are not sure what the drive letter is for your CD-ROM drive, use Windows Explorer and look for the CD-ROM drive.)



5 When installation is complete, the USB adaptor setup window is opened. Remove the included CD-ROM from your CD-ROM drive.

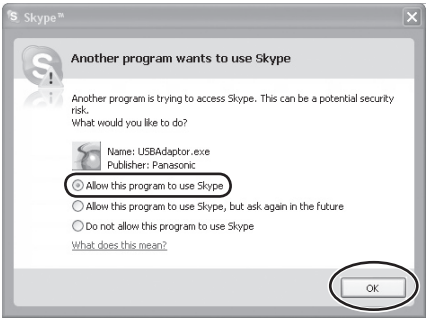

USB Adaptor Utility
Panasonic
Select Language
English
1. Installing Skype
2. Connecting to Skype
3. Connecting the USB Adaptor to Your PC
4. Registering the USB Adaptor to the Base Unit
5. Finalizing USB Adaptor Configuration
USB Adaptor Setup Wizard
This wizard helps you set up the USB adaptor for use with your GIGARANGE Cordless telephone system.
Installation will take a few minutes.
Once installation is complete, IP Phone features will be available on your GIGARANGE handsets, allowing you to make and receive phone calls using this PC's internet connection.
For this wizard to continue, Skype must already be installed on your PC .
* For more information, click [Help].
* Click [Next] when ready.
Next
Help

6 Follow the on-screen instructions to set up the USB adaptor.

- When the setting up is complete, you are ready to use the internet telephone.

Note:

- If the following window appears, check **[Allow this program to use Skype]**, then click **[OK]**.


Skype™
Another program wants to use Skype
Another program is trying to access Skype. This can be a potential security risk.
What would you like to do?
Name: USBAdaptor.exe
Publisher: Panasonic
Allow this program to use Skype
Allow this program to use Skype, but ask again in the future
Do not allow this program to use Skype
What does this mean?
OK

- To perform a Skype test call:
  1. **[IP PHONE]** (right soft key) → "**Contacts**" → **[SELECT]**
  2. "**Echo/Sound T**" → **[ ]/[CALL]**

Confirming the USB adaptor works properly

Click the USB Adaptor Utility icon ( ) in the system tray.

The setup programme starts checking the configuration of the USB adaptor. If the setup programme finds errors in the configuration, follow the on-screen instructions. When the configuration is complete, you are ready to use the internet telephone.
In case you encounter any difficulty, please refer to "Troubleshooting" on page 16.

Note:

- Colour of the USB Adaptor Utility icon in the system tray indicates the status of the USB adaptor configuration.

Colour	Status
Blue	Internet telephone is available.
Gray	Internet telephone is not available. (Refer to "Troubleshooting" on page 16 or click **[Help]** to view "Troubleshooting" on your web browser.)

- If the USB Adaptor Utility icon does not appear, refer to the troubleshooting section (page 16).

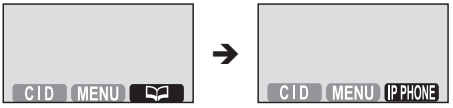
To quit the USB Adaptor Utility

Right-click the USB Adaptor Utility icon in the system tray, then select **[Exit]**.

- To restart the USB Adaptor Utility, click **[Start]**, then select **[All Programs]** – **[Panasonic]** – **[USB Adaptor Utility (KX-TGA595)]** – **[USB Adaptor Utility]**. (For Windows 2000, click **[Programs]** instead of **[All Programs]**.)

Soft key and display menus

After setting up the USB adaptor, 【📖】 (Phonebook) on the right soft key on the handset is changed to **【IP PHONE】**.



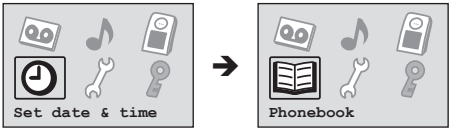
To enter the phonebook, press **【MENU】** (middle soft key) then select "**Phonebook**".

Display menus of KX-TGA591AL *1 **(1.5 inch colour display handset)**

After setting up the USB adaptor, the display menus will be changed as follows:

– "**Set date & time**" is replaced with "**Phonebook**".
– "**Set date & time**" moves to the sub-menu of "**Initial setting**".

(Example: Registered to KX-TG5976AL)



*1 KX-TGA591AL is the same handset supplied with the KX-TG5976AL .

Deregistering the USB adaptor

You can cancel a registered USB adaptor. Right-click the USB Adaptor Utility icon ( ) in the system tray, then select **[Tool]** – **[Deregistration]**.

Note:

- You can cancel registration by using the base unit.

1. Press and hold **【INTERCOM】** until the IN USE indicator flashes.
2. Press and hold 【✳】 until a beep sounds.

Uninstalling the USB Adaptor Utility

■ **For Windows XP users:**

1 Click **[Start]**, then click **[Control Panel]**.

2 Click **[Add or Remove Programs]**.

3 Select **[Panasonic USB Adaptor Utility]** from the list.

4 Click **[Remove]**, then follow the on-screen instructions.

■ **For Windows 2000 users:**

1 Click **[Start]**, point to **[Settings]**, then click **[Control Panel]**.

2 Double-click **[Add/Remove Programs]**.

3 Select **[Panasonic USB Adaptor Utility]** from the list.

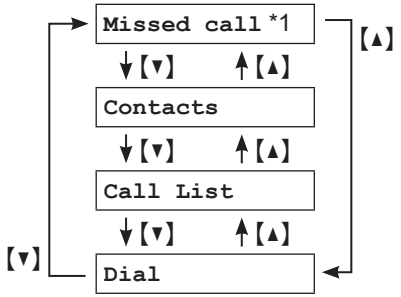
4 Click **[Change/Remove]**, then follow the on-screen instructions.

Entering the IP phone mode

Press **【IP PHONE】** (right soft key) on the handset to enter the IP phone mode.

- IP PHONE appears on the handset display.

The IP phone mode consists of the following menus:



*1: This menu will appear only when internet calls are not answered.

"**Missed call**":
You can view call information of the missed calls.

"**Contacts**":
You can view the Skype Contact list, or make internet calls from it.

"**Call List**":
You can view the Skype History in which call information of incoming and outgoing internet calls is logged.

"**Dial**":
You can make regular phone calls using SkypeOut.

To exit the IP phone mode, press **【OFF】**.

Important:

- Do not change any Skype settings using the computer while the handset is in the IP phone mode. If you have changed the settings, quit the USB Adaptor Utility and restart it (page 9).

Making internet calls

Calling from the Contact list

You can make an internet call by selecting a Skype name from the Skype Contact list.
You must add Skype names in the Contact list beforehand by using your computer.

1 **【IP PHONE】** (right soft key) → "**Contacts**" → **【SELECT】**

2 Press **【▲】** or **【▼】** to select the desired Skype name.

- Skype name and its current status icon is displayed.

Icon	Status
	Online
	Offline
	Skype Me
	Away
	Do Not Disturb
	Voicemail
	SkypeOut
	Not Available

- You can search the desired Skype name by pressing the dialling button that corresponding to the first letter.

3 **【】/【CALL】**

4 When you finish talking, press **【OFF】** or place the handset on the base unit or charger.

Note:

- You cannot select items from the handset phonebook, redial list and caller list.

Using the speakerphone

1 During a conversation, press **【】** to turn on the speakerphone.

- Speak alternately with the other party.

2 When you finish talking, press **【OFF】**.

Note:

- Use the speakerphone in a quiet environment.
- To switch back to the receiver, press **【】**.

Adjusting the receiver/speaker volume

Press **【▲】** or **【▼】** repeatedly while talking.

Making regular phone calls (SkypeOut)

SkypeOut is a way to make calls from Skype to persons who use telephone lines or mobile phones. Making SkypeOut calls is not free of charge. Before using the SkypeOut, purchase the Skype credit on your Skype account page. For more information about SkypeOut, see the Skype website (http://www.skype.com/).

1 **【IP PHONE】** (right soft key) → "`Dial`" → **【SELECT】**

2 Enter the phone number in the following way (even for local calls):

"country code"+"area code"+ "local phone number"

Example (using the country code "61" for calling Australia):

61 2 1234 5678

- In case of some countries, delete "0" at the first digit of the area code.
- To correct a digit, press **【CLEAR】**.

3 **【】/【CALL】**

4 When you finish talking, press **【OFF】** or place the handset on the base unit or charger.

Note:

- You do not need to enter the international prefix ("+" or "0011", etc.) because "+" is automatically added to the phone number when dialling. For this reason, "+" is displayed in the dialled phone number when you view the Call list.

Answering internet calls

If you receive an internet call, you will hear an IP ringer tone from the handset and IP PHONE will flash on the handset display.

1 Lift the handset and press **【】** or **【】**.

- You can also answer the call by pressing any button except **【▲】**, **【▼】**, **【◄】**, **【►】**, **【OFF】**, right or middle soft key. **(Any key talk feature)**

2 When you finish talking, press **【OFF】** or place the handset on the base unit or charger.

Note:

- You can change the IP ringer tone (page 15).
- When an internet call is received, the base unit does not ring and you cannot answer it by using the base unit.
- When an internet call is received while you are in the "Do Not Disturb" mode of the online status, the handset does not ring.
- Caller ID feature does not work for internet calls.

Auto talk

This feature allows you to answer a call by simply lifting the handset off the base unit or charger. You do not need to press **【】**. To activate this feature, see the operating instructions included with the base unit.

Temporary ringer off

While the handset is ringing for an internet call, you can turn the ringer off temporarily by pressing 【🔕】 or 【OFF】.

Missed calls

If an internet call is not answered, "`IP missed call`" is shown on the handset display. To see who called while you were out:

1 【IP PHONE】 (right soft key) → "`Missed call`" → 【SELECT】

2 Press 【▼】 to view from the most recent missed call, or 【▲】 to view from the oldest missed call.
- To call the displayed item, press 【📞】 or 【CALL】.
- To play the displayed Voicemail message, press 【PLAY】.

Note:
- Once you have viewed a missed call or played a Voicemail message, it will not be displayed the next time you enter the missed call list.

Answering another internet call

This feature allows you to receive or reject another internet call while you are already talking on the IP phone.
If you receive an internet call while on the IP phone, you will hear an incoming call tone.
Press 【IP PHONE】 to end the first call and answer the 2nd call.
- To reject the 2nd call, press 【REFUSE】.

Useful features during an internet call

HOLD button

This feature allows you to put an internet call on hold.
Press 【HOLD】 during an internet call.
- To release the hold, press 【📞】.

Mute

While mute is turned on, you can hear the other party, but the other party cannot hear you.
To mute your voice, press 【MUTE】.
- To return to the conversation, press 【MUTE】.

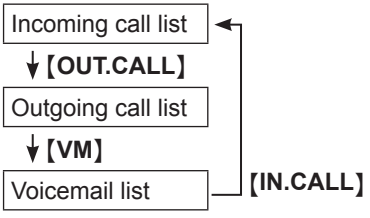
Using the History (Call list)

Call information of incoming and outgoing internet calls is logged in the Skype History by the most recent internet call to the oldest. If you receive the Skype Voicemail, it will be recorded in the History along with call information. You can view the History by using the handset, and you can call or play the Voicemail by selecting the item in the list.

1 **【IP PHONE】** (right soft key) → "**Call List**" → **【SELECT】**

2 Press **【▼】** to search in the incoming call list from the most recent call, or **【▲】** to search from the oldest call.

- You can change the list by pressing the right soft key as follows;



3 To call to the displayed item, press **【】** or **【CALL】**.

To play the displayed Voicemail message, press **【PLAY】**. To stop playing the message, press **【STOP】**.

4 When you finish talking or playing, press **【OFF】** or place the handset on the base unit or charger.

Note:

- You cannot edit or erase call information in the list by using the handset.

Selecting the IP ringer tone

You can change the IP ringer tone heard when an internet call is received. The default setting is "**Tone 2**".

1 **【MENU】** (middle soft key) → **【#】【1】【6】【9】**

2 Select the desired item. → **【SELECT】**

Tone & Melody	Pre-installed tone and melodies
Custom ring	Songs you stored in the handset

3 Select the desired ringer tone. → **【SAVE】** → **【OFF】**

Troubleshooting

Problem	Cause & solution
The USB adaptor does not work. (The USB Adaptor Utility icon ( ) is indicated in gray.)	● Make sure the USB plug is connected properly to your computer. ● The USB adaptor may not work properly depending on the power supply of your computer's USB port. If this is the case and your computer has multiple USB ports, we recommend that you try other USB ports. ● The USB adaptor is too far from the base unit. Move closer to the base unit. ● Skype software is not activated. Start the software. ● Your base unit is turned off. Confirm the connection. ● The registration may be cancelled from the base unit. Set up and register the USB adaptor to the base unit again ("Confirming the USB adaptor works properly" on page 9). ● If you are still having problems, deregister the USB adaptor (page 10) and uninstall the USB Adaptor Utility (page 10) then reinstall it (page 8). If you cannot reinstall the USB Adaptor Utility because of a registration error, perform the following operations: 1) Press and hold **【INTERCOM】** on the base unit until the IN USE indicator flashes. 2) Press and hold **【8】** until a beep sounds. 3) Follow the on-screen instructions.
The USB Adaptor Utility does not start when my computer is started up. (The USB Adaptor Utility icon ( ) does not appear in the system tray.)	● Start the Utility manually. Click **[Start]**, then select **[All Programs]** – **[Panasonic]** – **[USB Adaptor Utility (KX-TGA595)]** – **[USB Adaptor Utility]**. (For Windows 2000, click **[Programs]** instead of **[All Programs]**.) ● After you have started the USB Adaptor Utility, you can enable the Auto Startup feature to make sure the USB Adaptor Utility starts each time your computer is started up. To enable Auto Startup, right-click on the USB Adaptor Utility icon in the system tray and insert a check mark next to **[Auto Startup]**.

Problem	Cause & solution
I cannot read the language displayed by the USB Adaptor Utility.	● You can change the application's display language to English, French, or Spanish. Select the desired language from the pull-down menu on the upper right of the USB adapter setup window.
I cannot make an internet call.	● While another handset user is making an outside call, you cannot make an internet call. Try again later.
I cannot receive internet calls.	● While other handset users are making a conference call, you cannot receive internet calls. ● While the cordless camera is in use, you cannot receive internet calls.
I cannot register the USB adaptor.	● 8 handsets or devices have already been registered to the base unit. A previously deregistered extension number is still retained in the base unit. To register the USB adaptor, erase the unnecessary extension number by using the base unit.
Some names displayed in the Contact list or History on the handset are different from ones on your computer.	● The handset displays Skype name when characters such as "á" or "ó" that you cannot enter using the handset are included in its name (refer to "Character table for entering names" in the base unit's operating instructions).

● For other troubleshooting, refer to the base unit's operating instructions or visit: http://panasonic.co.jp/pcc/cs/en/telecom/tel/download.htm.

Important information

Medical

- Consult the manufacturer of any personal medical devices, such as pacemakers or hearing aids, to determine if they are adequately shielded from external RF (radio frequency) energy. (The product operates in the frequency range of 5.76 GHz to 5.84 GHz, and the power output is 200 mW (max.).) Do not use the product in health care facilities if any regulations posted in the area instruct you not to do so. Hospitals or health care facilities may be using equipment that could be sensitive to external RF energy.

Important security notice

- Panasonic cannot accept any liability or provide warranty for security problems occurring in the following cases:
  - when the internet security settings were not set during use,
  - when VoIP (Voice over Internet Protocol) communication software was used,
  - when software not provided by Panasonic was used.

Important

- Panasonic cannot accept any liability or provide warranty for the Skype software.

Warning

- This cordless telephone system does not incorporate provision for secrecy of conversations. Appropriately tuned radio equipment and other cordless telephone systems in close proximity may be used by a third party to monitor and possibly interrupt conversations in progress when this system is on radio operation.

Notice

- Please ensure that a separate telephone, not dependent on local power, is available for emergency use.
- When a failure occurs which results in the internal parts becoming accessible, disconnect the USB plug immediately and return the product to an authorised service centre.
- This equipment has been tested and found to comply with AS/NZS 3548: 1995 limits for electromagnetic interference. Any modifications to any part of the system or to any peripherals may void the EMC compliance of the system or the peripherals.

Specifications

Operating environment	5 °C – 40 °C
Frequency	5.76 GHz – 5.84 GHz
Dimensions	Approx. height 24 mm x width 71 mm x depth 111 mm
Mass (Weight)	Approx. 120 g
Power consumption	Standby: Approx. 0.5 W Maximum: Approx. 1.0 W
Power output	200 mW (max.)
Power supply	5 V DC (USB powered)
Interface	USB: 1.1

Note:

- Design and specifications are subject to change without notice.
- The illustrations in these instructions may vary slightly from the actual product.
- Software features and appearance are subject to change without notice.

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